

I claim:

1. An apparatus for use with a diaper to detect:

- Urine and feces presence;
- Distinction between urine and feces in said diaper;
- Fullness level of urine and feces in said diaper;
- Said diaper wearer motion and stillness;
- Said diaper wearer sound;
- Said diaper wearer temperature.

And to produce an electrical output in response to such detection, said apparatus comprising:

A plurality of retractable claws pairs serving to affix or detach said apparatus of said diaper and also serving as electrodes for conductive type sensors;

A housing for containing electronic components, the back of said housing being retainable against the exterior surface of said diaper;

A multitude of urine conductive sensors located within said housing and a multitude of feces sensors, some of them conductive type and the other capacitive type;

Electronic circuitry within said housing responsive to said sensors for producing an output signal when output of said sensors reaches a predetermined value.

2. The apparatus of claim 1 wherein said sensors output are provided to a transmitter for transmitting one or more alarm signals in the presence of one or more said diaper conditions.
3. A pager for remotely monitoring said diaper conditions
4. A system for remotely monitoring said diaper conditions, said system comprising:

a plurality of said apparatuses, whereby each of said apparatuses is affixed to a diaper to be monitored, each said apparatuses are electronically encoded with an address, said apparatus's sensors output and said address are provided to said transmitter;

at least one receiver for receiving said encoded signals and addresses; and

at least one pager receiving from said receiver signals about said diaper conditions.